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	Application No.	Applicant(s)	
Notice of Allowability	10/087,722	LIN, XINMING ALLEN	
	Examiner	Art Unit	
	Dmitry Levitan	2616	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Re	(OR REMAINS) CLOSED or other appropriate comm GHTS. This application is	in this application. If not included nunication will be mailed in due course. THIS	
1. \square This communication is responsive to <u>3/01/06</u> .			
2. \boxtimes The allowed claim(s) is/are <u>1-21</u> .			
3.	been received. been received in Application and the communication to fill ENT of this application. tted. Note the attached EX is reason(s) why the oath of the submitted. on's Patent Drawing Reviews Amendment / Comment of the com	on No ed in this national stage application from the ea reply complying with the requirements AMINER'S AMENDMENT or NOTICE OF or declaration is deficient. W (PTO-948) attached or in the Office action of the drawings in the front (not the back) of FR 1.121(d).	
 DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT F 	FOR THE DEPOSIT OF BI	OLOGICAL MATERIAL.	
Attachment(s)	€ □ NI-4:£1	oformal Potent Application (PTO 452)	
1. Notice of References Cited (PTO-892)		nformal Patent Application (PTO-152)	
 Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO-1449 or PTO/SB/06) 	Paper No	 6. ☐ Interview Summary (PTO-413), Paper No./Mail Date 7. ☒ Examiner's Amendment/Comment 	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛭 Examiner's	s Statement of Reasons for Allowance	
of Biological Material	9. 🔂 Other		

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul G. Nagy on 5/5/06.

The application has been amended as follows:

Claim 13, line 4, "a next previous cell" has been changed to – an immediately preceding cell--.

Note. Claim 13 has been amended for clarity.

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: add number 61 to block CE and change block TM number to 68 on Fig. 6. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

Allowable Subject Matter

- 3. Claims 1-21 are allowed.
- 4. The following is an examiner's statement of reasons for allowance:

The present invention is directed to a communication device and method comprising self-sorting queue of packets.

The prior art of record does not teach or fairly suggest at least the following:

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receiving first and third tags identifying locations for two packets, receiving second and fourth tags identifying relative priority for the packets, storing the first and second tags in a first queue cell, receiving by the first cell one of pop or push signals, wherein the pop operation will pass said first and second tags to one of said plurality cells and wherein push operation will compare second and fourth tags to determine a relative order of precedence between said first and second packets, as specified in independent claims 1, 10, 18 and 19.

The closest prior art, Narayana (US 6,577,635), fails to anticipate or render the above limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should be preferably accompany the issue fee.

Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance"

Conclusion

The claims being allowed, Prosecution On The Merits Is Closed in this application.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dmitry Levitan whose telephone number is (571) 272-3093. The examiner can normally be reached on 8:30 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on (571) 272-7529. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dmitry Levitan

Examiner

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COLUMBIA IP LAW GROUP, PC
Attorney's Dockenno.: 51040.P015
Inventor(s): Xinming Allen Lin
For: HARDWARE SELF-SORTING SCHEDULING QUEUE
Express Mail Label No. EVOS 102658US

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Date of Deposit: March 1, 2002

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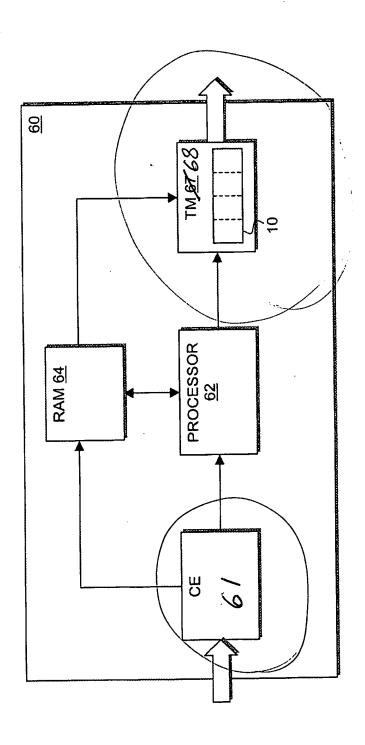


FIG. 6